Dryflo® mist collectors from Donaldson® Torit® are effective and efficient mist filtration solutions, providing a more productive work environment by reducing coolant and machining oil mists in a machine-mountable package. The Dryflo® provides high performance technology and easy, predictable maintenance.

- High performance three-stage filtration improves collection efficiency at every stage
- Provides a cleaner work environment for maximum productivity
- Reduces risk of mist related hazards
- Quick and easy filter changes—workers have minimal contact with collected oil
- Predictable maintenance with a differential pressure gauge
- Lower plant maintenance costs
- Mounts directly onto a machining center to collect oil, water-soluble, semi-synthetic and synthetic coolant
- Low profile
- 10-year warranty
- Helps support OSHA Clean Air Standards

**NORMAL OPERATION FOR DMC-MMA, -MMB**

- Clean-air outlet
- Clean-air plenum
- Exhaust pack
- Blower motor
- Blower
- Third-stage filter cartridge
- Second-stage filter wrap
- First-stage filter
- Dirty-air inlet and collected mist drain
- Easy filter changeout
DRYFLO FILTER MEDIA

Dryflo® filter media is made from proprietary synthetic media incorporating both small and large fibers for optimum filtration. The smaller fibers provide increased filtration efficiency; after mist is captured and coalesced, the larger fibers allow the oil to drain from the filter. The media also incorporates a proprietary corrugation method which maintains uniform airflow and lower pressure while the media is saturated with oil.

HIGH PERFORMANCE THREE-STAGE FILTRATION: IMPROVES COLLECTION EFFICIENCY AT EVERY STAGE

FIRST-STAGE
A prefilter that removes larger mist droplets, metal dust and swarf captured by the collector. Wire mesh thin screen and polypropylene mesh are available.

SECOND STAGE
A three-layer wrap of synthetic high-loft material collects small mist drops into larger oil droplets, which drain out of the mist collector.

THIRD-STAGE
Collects, coalesces and drains the finer mist droplets generated by metalworking applications. Along with vertically oriented pleats, the third-stage filter cartridge incorporates the Pleatloc™ media spacing system, which enhances drainage and provides a lower pressure drop, higher filtration efficiency and less re-entrainment of collected mist.
LONG-LASTING EFFICIENCY

The Dryflo® cartridge is a proven, highly efficient mist filter that actually increases efficiency over time when collecting soluble oil or synthetic fluid. In tests conducted by the University of North Carolina (UNC), the Dryflo was shown to offer increased efficiency over time, resulting in longer HEPA filter life and reduced HEPA filter replacement costs.

### Average Efficiency of Dryflo® on Soluble Oil and Synthetic Fluid

<table>
<thead>
<tr>
<th>Droplet Size</th>
<th>Dryflo® Collector with HEPA</th>
<th>Dryflo® Collector without HEPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.8 micron</td>
<td>100%</td>
<td>98%</td>
</tr>
<tr>
<td>3.2 micron</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>

Note: The data provided in this report is a result of tests performed using the UNC protocol. When comparing these results with other products, be sure the data being compared is derived by the same methodology.

www.donaldson.com
Important Notice
Many factors beyond the control of Donaldson can affect the use and performance of Donaldson products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user’s knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user’s application. All products, product specifications, availability and data are subject to change without notice, and may vary by region or country.

Significantly improve the performance of your collector with genuine Donaldson Torit replacement filters and parts. Call Donaldson Torit at 800-365-1331.

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